

APPLICANT(S): EDLIS, Ofir Et al.
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AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (currently amended) A method comprising:

receiving through an antenna of a radio frequency module a pilot signal at a first clock rate during at least part of a first time period of a wake period of a slotted mode; deactivating said radio frequency module after receiving said pilot signal;

determining a current pseudo-random noise offset of said pilot signal at a second, faster clock rate during at least part of a second time period of said wake period; and synchronizing said radio frequency module to said currently determined pseudo-random noise offset if said module is out of step with said currently determined pseudo-random noise offset.
2. (previously presented) The method according to claim 1 wherein said pilot signal is a spread spectrum signal.
3. (previously presented) The method according to claim 1 wherein said pilot signal is a Code Division Multiple Access (CDMA) signal.
4. (previously presented) The method according to claim 1, further comprising at least one of searching for at least one neighboring communications cell and searching for at least one candidate communications cell.
5. (Canceled).
6. (Previously Presented) The method according to claim 1 comprising receiving a carrier during at least part of said second time period.
7. (Canceled)
8. (previously presented) The method according to claim 1 comprising reducing power consumed during said at least one wake period after recording said received signals.
9. (Canceled)
10. (currently amended) A receiver comprising:

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an antenna;

a radio frequency module coupled to said antenna for receiving a pilot signal at a first clock rate during at least part of a first time period of a wake period of a slotted mode; and

a processor for deactivating said radio frequency module after said pilot signal is received and for determining a current pseudo-random noise offset of said pilot signal at a second, faster clock rate during at least part of a second time period of said wake period and for synchronizing said radio frequency module to said currently determined pseudo-random noise offset if said module is out of step with said currently determined offset.

11. (previously presented) The receiver according to claim 10 wherein said radio frequency module comprises a memory device for storing at least a portion of said pilot signal, and wherein said processor comprises a digital processing unit, wherein said memory device is adapted to output said portion of said pilot signal to said digital processing unit.
12. (previously presented) The receiver according to claim 10 wherein said radio frequency module comprises a memory device for storing at least a portion of said pilot signal, and wherein said processor comprises a rake receiver and a search engine, wherein said memory device is adapted to output said portion of said pilot signal to said rake receiver and said search engine.
13. (previously presented) The receiver according to claim 11 comprising a sampling unit adapted to receive said portion of said pilot signal and to output said portion of said pilot signal to said memory device.
14. (previously presented) The receiver according to claim 12 comprising a sampling unit adapted to receive said portion of said pilot signal and to output said portion of said pilot signal to said memory device.
15. (currently amended) A cellular communication system comprising:
an antenna;

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a radio frequency module coupled to said antenna for receiving a pilot signal at a first clock rate during at least part of a first time period of a wake period of a slotted mode; and

a processor for deactivating said radio frequency module after said pilot signal is received and for determining a current pseudo-random noise offset of said pilot signal at a second, faster clock rate during at least part of a second time period of said wake period and for synchronizing said radio frequency module to said currently determined pseudo-random noise offset if said module is out of step with said currently determined offset.

16. (previously presented) The cellular communication system according to claim 15 wherein said radio frequency module comprises a memory device for storing at least a portion of said pilot signal, and said processor comprises a digital processing unit, wherein said memory device is adapted to output said portion of said pilot signal to said digital processing unit.
17. (previously presented) The cellular communication system according to claim 15 wherein said radio frequency module comprises a memory device for storing at least a portion of said pilot signal, and said processor comprises a rake receiver and a search engine, wherein said memory device is adapted to output said portion of said pilot signal to said rake receiver and said search engine.
18. (previously presented) The cellular communication system according to claim 16 comprising a sampling unit adapted to receive said portion of said pilot signal received and to output said portion of said pilot signal to said memory device.
19. (previously presented) The cellular communication system according to claim 17 comprising a sampling unit adapted to receive said portion of said pilot signal and to output said portion of said pilot signal to said memory device.